

## **CLAIMS**

What is claimed is:

1. A device that can be used to re-attach a retina within an eye having a globe that has a circumference, comprising:

a band that is adapted to apply a pressure to the retina when implanted in the eye, said band having a length that is at least 100 degrees of the circumference of the globe.

2. The device of claim 1, wherein said band is essentially straight in a relaxed state.

3. The device of claim 1, wherein said band has a pair of curled ends.

4. The device of claim 1, wherein said band is constructed from a rubber material.

5. The device of claim 1, wherein said band is constructed from a plastic material.

6. A device that can be used to re-attach a retina of an eye, comprising:  
a band that is adapted to apply a pressure to the retina when implanted in the eye, said band having a pair of curled ends.

7. The device of claim 1, wherein said band is essentially straight in a relaxed state.

8. The device of claim 1, wherein said band is constructed from a rubber material.

9. The device of claim 1, wherein said band is constructed from a plastic material.

10. An injector for injecting a band that can be used to re-attach a retina of an eye, comprising:

a cannula which has an inner channel that is adapted to receive the band;  
a plunger that is adapted to eject the band from said inner channel.

11. The injector of claim 8, wherein said plunger includes a head.

12. The injector of claim 8, further comprising a spring coupled to said plunger and said cannula.

13. A method for re-attaching a retina within an eye having a globe that has a circumference, comprising:

inserting a first band into the eye; and,  
bending the first band against the retina such that the first band extends over at least 100 degrees of the circumference of the globe.

14. The method of claim 11, further comprising the steps of inserting a second band into the eye and bending the second band against the retina.

15. The method of claim 11; wherein the first band is inserted into the eye with an injector.

16. The method of claim 11, further comprising the step of removing the first band.